

**Sponsored by**  
**The Idaho Department of**  
**Water Resources**  
 **Energy Division**

Solar electric systems (photovoltaic or PV) are mature, proven technologies already working at hundreds of sites in Idaho and hundreds of thousands of sites across the U.S. and around the world.

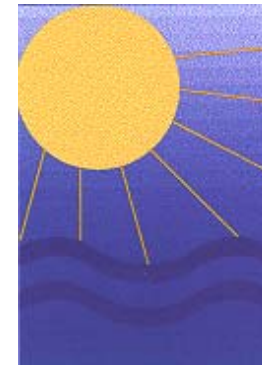
Photovoltaic cells convert sunlight directly into electricity. When sunlight strikes a PV cell, electrons are dislodged, creating an electrical current.



Photovoltaic cells power many of the small calculators and wrist watches in use every day. More complex systems provide electricity to pump water, power communications equipment light homes, and run appliances. Solar electric systems are often the lowest-cost means to provide electricity, and almost always simplest and cleanest to operate.

The cost of PV has fallen by 90 percent since the early 1970s. Photovoltaics are producing electricity for critical loads from the polar ice caps to the tropics to satellites in outer space. In Idaho there are hundreds of homes powered by solar electric systems, many ranchers watering their cattle with water pumped from a solar system, and becoming increasingly popular to reduce electric bills at homes and in businesses with solar electricity.

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# **Idaho Solar Initiative**

**An Initiative for Accelerating  
the Use of Solar Technologies  
in Idaho**

## **Announcing the Idaho Solar Electric System Site Assessment Program**

**Energy Division will pay up to \$175  
for a site assessment by a qualified  
solar electric dealer to design you a  
solar electric system that fits your  
needs!**

- **Turn off that Generator**
- **Find out how much you can  
save on your energy bills**

*Imagine a world with a virtually  
unlimited source of free,  
environmental friendly energy.*

*It exists.....*

## **The Power of the Sun**

## IDAHO SOLAR ELECTRIC SYSTEM SITE ASSESSMENT PROGRAM

The Idaho Energy Division is introducing a project evaluation program for those interested in installing a solar electric system. Under this program the Energy Division helps pay for the services of qualified solar electric dealers to develop a system design and cost estimate of an on-grid or off-grid solar electric system. The dealers will receive rebates of \$75 for site assessments of grid-connected systems and \$175 for off-grid systems. These rebates are only available for qualified solar electric assessments within Idaho. Since there are limited funds available, about fifty site assessments will be awarded rebates on a first-come first-served basis. System financing, at below market rates, may also be available from the Energy Division.

Project site assessments for this program include, but are not limited to, home, commercial, and water pumping systems. Systems can be for federal, state and local governments, utilities, businesses, and private individuals. Systems must be 200 watts or greater, located in Idaho and evaluated by a qualified photovoltaic dealer. Existing system upgrades and small solar electric application such as for recreational vehicles do not qualify.

### Steps to the Site Assessment Program

- Request a solar site assessment from a Solar Electric dealer. Anyone interested in this rebate program should contact a qualified PV dealer from the list on the Energy Division's website, [www.idahosolar.org](http://www.idahosolar.org) and follow the Consultants, Dealers, and Utilities link. Those who prefer can contact K.T. at the Idaho Energy Division in Boise at 208 287-4898 or e-mail at [k.t.hanna@idwr.idaho.gov](mailto:k.t.hanna@idwr.idaho.gov) for the list of qualified dealers.
- Get a solar system design and price quote from the solar electric dealer. The solar electric dealers will provide an Idaho Customer Information Booklet, a sun chart, a completed site evaluation form and other information the dealer deems appropriate, to the customer.
- The Solar Electric Dealer will send a completed copy of the Idaho Solar Electric System On or Off-Grid Evaluation Form to the following address:  
  
Ms. K.T. Hanna  
Solar Electric Rebate Program  
Idaho Energy Division  
PO Box 83720  
Boise, ID 83720-0098
- The solar electric dealer will receive a check within 4 weeks. Any charges above the rebate amount will be the responsibility of the customer.
- The Energy Division reserves the right to verify the site assessment with the customer and to limit the number of evaluations submitted per dealer.